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Art For The Ear

M-900
User's Manual

Microlab Technology Company Ltd.
Made in China

No.:80-M900-97-0001-06

MULTIMEDIA SPEAKER SYSTEM

Before using, please read the manual carefully

All other brand and product names are trademarks of their respective holders. Actual contents may differ slightly from those shown in print. All specifications and designs are subjected to changes without any prior notice.

Important Safety Instructions

Caution:
TO reduce the risk of electric shock, do not dismantle the apparatus and do not expose the apparatus to rain or moisture. No user-serviceable parts inside. Refer servicing to qualified personnel.

Explanation of Graphical Symbols:

The lightning flash within an equilateral triangle is intended to alert you to the presence of uninsulated “angerous voltage” within the product's enclosure that may be of sufficient magnitude to constitute an electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNINGS:

1. Read Instructions—All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions—The safety and operating instructions should be retained for future reference.
3. Heed warnings—All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow instructions—All operating and use instructions should be followed.
5. Installation—Install in accordance with the manufacture's instructions.
6. Power sources—This product should be operated only from the type of power source indicated by the marking adjacent to the power cord entry. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
7. Grounding or polarisation—the appliance is not required to be grounded. Ensure the plug is fully inserted into the wall outlet or extension cord receptacle to prevent blade or pin exposure. Some versions of the product are equipped with a power cord fitted with a polarized alternating line plug (a plug having one blade wide than the other). This plug will fit onto the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarised plug. When using an extension power-supply cord or a power-supply cord other than that supplied with the appliance, it should be fitted with the appropriate moulded-on plugs and carry safety approval appropriate to the country of use.
8. Power cord protection—Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, convenience receptacles and the point where they exit from the appliance.
9. Overloading—Do not overload wall outlets, extension cords or integral convenience receptacles, as this can result in a risk of fire or electric shock.
10. Ventilation—The product must be properly ventilated. Do not place the product on a bed, sofa, or other similar surface. Do not cover the product with any items such as tablecloths, newspapers, etc.
11. Heat—The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products)including amplifiers_ that produce heat. No naked flame sources, such as lighted candles, should be placed on the apparatus.
12. Water and moisture—To reduce the risk of fire or electric shock, do not expose the product to train, dripping, splashing or excessive moisture such as in a sauna or bathroom. Do not use this product near water—for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.
13. Object and Liquid Entry—Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. Do not place any object containing liquid on top of the product.
14. Cleaning—Unplug the product from the wall outlet before cleaning. The cabinet of the subwoofer may be cleaned by dusting with a dry cloth. If you wish to use an aerosol cleaning spray, do not spray directly on the cabinet; spray onto the cloth. Be careful not to disturb the drive units.
15. Attachments—Do not use attachments not recommended by the product manufactures, as they may cause hazards.
16. Accessories—Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
17. Moving the appliance—A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
18. Non-use periods—The power cord of the appliance should be unplugged from the outlet during lightning storms or when

Trouble Shooting

Troubles	Solution
Power LED won't light up	Check if the system is powered on
	Check the power plug well connected
No Sound	Check if the audio source is working well
	Check if the audio and speaker cables well connected
	Check if the volume at right level
One or more satellite no sound	Check if the satellite cable well connected
No Bass	Check if the Bass Volume at right level
Sound is distorted	Check if the volume at lower level
If the problem still exists, please contact the distributor or ask for professional service	

Technical Information

Features

2.1+1system: Microlab-launched external power amplifier Hi-Fi 2.1 system is easy-use and user-friendly. It can eliminate audio distortion caused by vibration, overheat and electromagnetic interference. It is the best choice for those who persist in Hi-Fi sound quality.

5 " subwoofer: 5 " subwoofer unit made of dual Sr Magnet system blazes the trail in the use of costly low-Q value, long-stroke program design, having the low-frequency quality of quick and high resolution.

X-bass: Microlab-developed robust bass replay technology, based on the design of woofer unit and geometric structure of subwoofer cabinet refers to psychology theory to reproduce unimaginable extraordinary high-quality low-frequency response.

Design for music: the ultimate aim of Microlab R&D system is to inherit and carry forward the European musical culture style. To do this, all designs must be music-oriented and sourced from music and art. Having Microlab, you can enjoy European musical taste.

Specification

*Amplifier specification:	
AC IN	220V-240V~ 50Hz 140mA
Power output	16W+12Wx2 RMS
Frequency response	35Hz-20KHz
Sensitivity Input	400mV
Distortion	<0.3%(1W 1KHz)
Separation	>50 dB
S/N	>80 dB
*Driver unit:	(Woofer)5"
	(Satellite)2"x2(magnetically shielded)
*Audio input:	(Input 1) 3.5mm stereo jack
	(Input 2) RCA jack
*Audio output:	RCA jack
*Product size(DxWxH):	(Amplifier)210x77x200mm
	(Woofer Speaker) 220x270x160mm
	(Satellite Speaker) 76x70x160mm

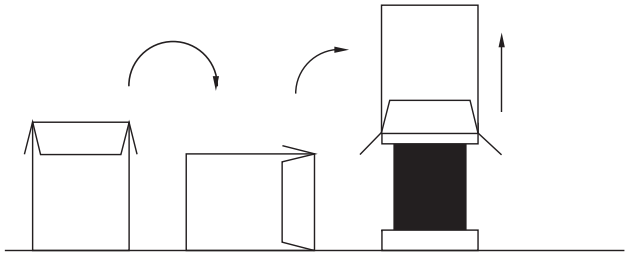
The apparatus is left unused for a long period of time.

19. Serving—Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
20. Replacement parts—When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
21. Mains fuses—For continued protection against fire hazard, use fuses only of the correct type and rating. The correct fuse specification for each voltage range is marked on the product.
22. Do not turn up the volume while listening to a section with very low level inputs or no audio signals. If you do, the speaker may be damaged when a peak level section is suddenly played.
23. The only means of completely disconnecting the product from the power supply is by removing the power cord from the wall outlet or the product. Either the wall outlet or the power cord entry to the product must remain freely accessible at all times while the apparatus is in use.
24. The socket-outlet shall be installed near the equipment and shall be easily accessible.

Unpacking the system

☞ **Unpacking:**

*Fold the carton flaps right back and invert the carton and contents.
*Lift the carton clear of the contents.
*Remove the inner packing from the product.
☺ We suggest you retain the packing for future use.

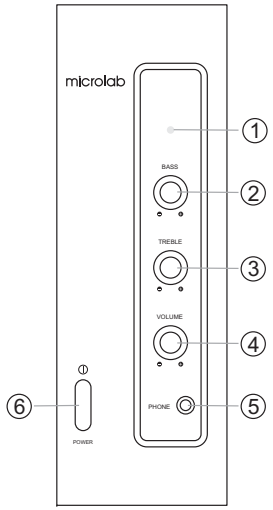


☞ **You should find following items while unpacking:**

Amplifier 1pc
Woofer 1pc
Satellites 2pcs
3.5mm-2RCA signal cable 1pc
User's manual 1pc

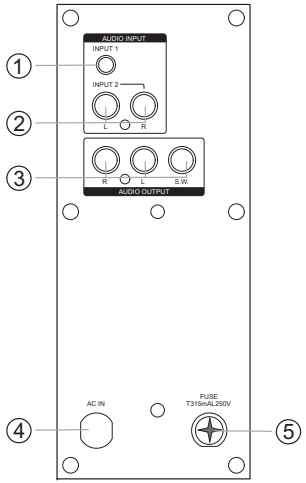
Function Instruction

*Front View of the Amplifier



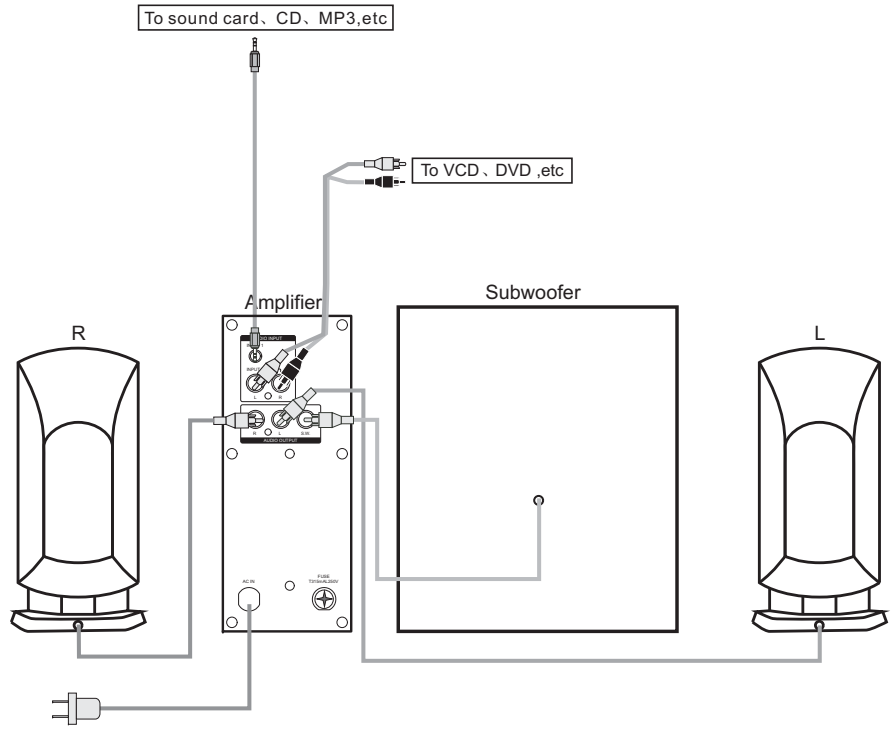
1.POWER INDICATOR
Turn on the power, the power indicator is lightened
2.BASS CONTROL
Turn the bass control anti-clockwise to minimum, adjusting the bass control to your demanding level
3.TREBLE CONTROL
Turn the treble control anti-clockwise to minimum, adjusting the treble control to your demanding level
4.VOLUME CONTROL
Adjust the speaker system's volume, turn the volume control anti-clockwise to minimum, adjusting the volume control to your demanding level
5.PHONE JACK
You can connect your headphones with 3.5mm stereo plug to this jack
6.POWER
Press this key down to switch the system ON,
Press this key up to place the system OFF

*Back View of the Amplifier



1.INPUT 1
Stereo signal input jack
2.INPUT 2
2.0 channel (2 RCA) signal input jack
3.AUDIO OUTPUT
2.1 channel (3 RCA) signal output jack
4.POWER CORD
5.FUSE

System Connection



*Please note the correct placement of speaker is shown in the above picture.

1. Connect the satellite speaker cables to the L & R audio output sockets on the back of the amplifier, then put the left channel satellite speaker on the left and the right satellite on the right.
2. Connect the cable of the woofer speaker to the back of the Amplifier audio output S.W. socket.
3. While connecting to VCD/DVD, etc, please use the double RCA ends audio cable. Connect one end of the audio cable to the output socket on the VCD /DVD, the other end to the "L" & "R" of Input 2 on the back of the amplifier.
4. While connecting to sound card(CD、MP3,etc), please use the audio cable with double 3.5mm stereo plugs. Connect one end of the audio cable to the audio output sockets on the sound card (CD、MP3,etc), then other end to the Input 1 socket on the back of amplifier.
5. Check the connection and make sure every cable is correctly connected, then connect power plug to the right AC outlet. The shape of the plug and power outlet depends on the country of use.

☺ *When you connect the headpones to your speaker, you can only hear the sound in your headpones.
*Statement indicates that the socket-outlet shall be installed near the equipment and shall be easily accessible.
*The highest environmental temperature suitable for this product is 40°C.